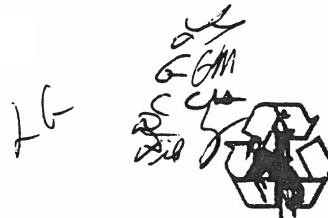




THE STATE OF WYOMING

JIM GERINGER
GOVERNOR



Department of Environmental Quality

Herschler Building • 122 West 25th Street • Cheyenne, Wyoming 82002

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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December 16, 1996

Ms. Dolly A. Potter
Environmental Engineer
Solvay Minerals, Inc.
P.O. Box 1167
Green River, Wyoming 82935

Dear Ms. Potter:

The Division has reviewed the modeling protocol for the Solvay Minerals, Inc. application. The following comments address the additional information which is needed to complete an air quality analysis of this facility.

1. A table which provides the emission rates for each pollutant for each source, and the corresponding source parameters which represent the worst-case air quality operational scenario proposed in the application.
2. A facility plot plan which depicts the UTM coordinates of:
 - a) The facility property fence line
 - b) All point, area, and volume sources, as applicable
 - c) The structures to be used in the modeling analysis
3. The data files which contain the dimensions of all structures used in the building downwash analysis (length, width, and height).
4. A plot showing the location of all receptors used in the modeling, and the location of the maximum modeled concentrations for each pollutant for both NAAQS and PSD determinations. Additionally, the data files created in ISC3 for making plots should also be furnished, along with all necessary ISC3 input and output files.
5. Identify the regional sources for PSD-increment determinations for the surrounding area.
6. Plots which depict the significant impact levels for each pollutant and corresponding averaging period, as applicable.

SOLVAY2016_1.4_000300

Dolly Potter
December 16, 1996
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If you should have any questions regarding these issues, please feel free to contact this office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bernard J. Dailey".

Bernard J. Dailey
Engineering Supervisor
Air Quality Division

cc: Lee Gribovicz
Ken Rairigh